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# 3

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/045,937	10/19/2001	David J. Beebe	282.020

23598  
BOYLE FREDRICKSON NEWHOLM STEIN & GRATZ, S.C.  
250 E. WISCONSIN AVENUE  
SUITE 1030  
MILWAUKEE, WI 53202

CONFIRMATION NO. 4878

FORMALITIES LETTER



Date Mailed: 03/12/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

A copy of this notice **MUST** be returned with the reply.

*Chinhquach*

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/03/2002 MBERHE 00000107 10045937

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PATENT

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:

DAVID J. BEEBE ET AL.

Serial No. 10/045,937

Filed: October 19, 2001

Group Art Unit: 1743

Examiner:

METHOD AND APPARATUS FOR  
MONITORING THE ENVIRONMENT  
WITHIN A MICROFLUIDIC DEVICE

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is being  
) deposited with the United States Postal Service as  
) first class mail in an envelope addressed to:  
) BOX MISSING PARTS, ASSISTANT  
) COMMISSIONER FOR PATENTS, Washington,  
) D.C. 20231, this 13<sup>th</sup> day of May, 2002.

) Christine Kierzek

Date

5/13/02

) *Christine Kierzek*

**TRANSMISSION OF EXECUTED DECLARATION**

Box MISSING PARTS  
ASSISTANT COMMISSIONER  
FOR PATENTS  
Washington, D.C. 20231

Sir:

Responsive to the "Notification Of Missing Requirements Under 35 USC 371", mailed March 12, 2002, copy attached, enclosed for filing in the above application is the executed declaration.

A check in the amount of \$65.00 is attached to cover the surcharge for late filing of the Declaration.

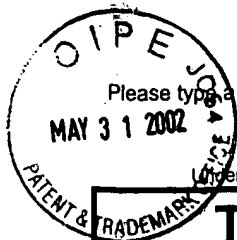
The Commissioner is hereby authorized to charge any additional fees in accordance with 37 C.F.R. 1.16(e) to Deposit Account No. 50-1170. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

By

*[Signature]*  
Peter C. Stomma, Reg. No. 36,020

Boyle Fredrickson Newholm  
Stein & Gratz S.C.  
250 East Wisconsin Avenue, Suite 1030  
Milwaukee, WI 53202  
Phone: 414.225-9755  
Fax: 414.225.9753  
Attorney Docket No. 282.020



Please type a plus sign (+) inside this box → ☐

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB/0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/045,937

Filing Date 10/19/2001

First Named Inventor David J. Beebe et al.

Group Art Unit 1743

Examiner Name

Total Number of Pages in This Submission

Attorney Docket Number 282.020

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☒ Response to Missing Parts/  
Incomplete Application

☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

☐ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence  
Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication  
to Group

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please  
identify below):

Return Postcard

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Peter C. Stomma, Reg. No. 36,020  
Boyle Fredrickson Newholm Stein & Gratz S.C.  
250 E. Wisconsin Avenue, Suite 1030  
Milwaukee, WI 53202

Signature

Date

5/13/02

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: May 13, 2002

Type or printed name Christine Kierzek

Signature

Christine Kierzek

Date

May 13, 2002

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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**65.00****Complete if Known**

Application Number	10/045,937
Filing Date	10/19/2001
First Named Inventor	David J. Beebe et al.
Examiner Name	
Group Art Unit	1743
Attorney Docket No.	282.020

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-1170  
Deposit Account Name: Boyle, Fredrickson, Newholm, Stein & Gratz S.C.

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
19	-20**= 0	X	
3	-3**= 0	X	

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\* or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**65****SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Peter C. Stomma,	Registration No. (Attorney/Agent)	36,020	Telephone	(414) 225-9755
Signature		Date	5/19/02		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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